

INVENTOR SEARCH

=> file hcaplus

FILE 'HCAPLUS' ENTERED AT 21:46:19 ON 29 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT..

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 29 Sep 2007 VOL 147 ISS 15

FILE LAST UPDATED: 28 Sep 2007 (20070928/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que stat l20

```

L2      28 SEA FILE=REGISTRY ABB=ON  PLU=ON  (106-65-0/BI OR
        106-79-6/BI OR 111-20-6/BI OR 115915-58-7/BI OR 120603-82
        -9/BI OR 1472-87-3/BI OR 1731-79-9/BI OR 264599-30-6/BI
        OR 301827-61-2/BI OR 301827-62-3/BI OR 301827-63-4/BI OR
        301827-64-5/BI OR 301827-65-6/BI OR 301827-66-7/BI OR
        301827-67-8/BI OR 301827-68-9/BI OR 301827-69-0/BI OR
        301827-70-3/BI OR 301827-71-4/BI OR 301827-72-5/BI OR
        36575-82-3/BI OR 42235-38-1/BI OR 5332-73-0/BI OR
        68286-29-3/BI OR 72469-23-9/BI OR 7617-74-5/BI OR
        77539-87-8/BI OR 929-06-6/BI)
L3      6 SEA FILE=REGISTRY ABB=ON  PLU=ON  L2 AND EICOSANEDIAMIDE
L4      1 SEA FILE=REGISTRY ABB=ON  PLU=ON  L3 AND C30 H60 N2
        O4/MF
L5      26 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L4
L8      198 SEA FILE=HCAPLUS ABB=ON  PLU=ON  SUGAI Y?/AU
L9      463 SEA FILE=HCAPLUS ABB=ON  PLU=ON  KAMEYAMA A?/AU
L10     10288 SEA FILE=HCAPLUS ABB=ON  PLU=ON  SAITO H?/AU
L11     1359 SEA FILE=HCAPLUS ABB=ON  PLU=ON  NISHIZAWA Y?/AU
L12     28562 SEA FILE=HCAPLUS ABB=ON  PLU=ON  TAKAGI ?/AU
L14     21 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L8 AND ((L9 OR L10 OR
        L11 OR L12))
L15     16 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L9 AND ((L10 OR L11 OR
        L12))
L16     103 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L10 AND ((L11 OR L12))
L17     7 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L11 AND L12
L18     28562 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L12 OR L14 AND L15 AND
        L16 AND L17
L19     355 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L18 AND (COSMETIC OR
        SKIN OR DERMATOLOG?)
L20     1 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L19 AND L5

```

=> d ibib ed abs hitstr 120 1

L20 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2000:741878 HCAPLUS Full-text
 DOCUMENT NUMBER: 133:313392
 TITLE: External preparation compositions containing
 diamides
 INVENTOR(S): Hoshino, Masahide; Sugai, Yoshiya;
 Kameyama, Akiyo; Saito, Hiroaki
 ; Nishizawa, Yoshinori; Takagi,
 Yutaka
 PATENT ASSIGNEE(S): Kao Corporation, Japan
 SOURCE: PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000061097	A1	20001019	WO 2000-JP1383	200003 08
W: CN, JP, US RW: DE, FR, GB EP 1166766	A1	20020102	EP 2000-907931	200003 08
R: DE, FR, GB TW 262910	B	20061001	TW 2000-89105235	200003 22
US 6685953	B1	20040203	US 2001-926270	200110 04
US 2004115162	A1	20040617	US 2003-731249	200312 10
PRIORITY APPLN. INFO.:			JP 1999-101076	A 199904 08
			WO 2000-JP1383	W 200003 08
			US 2001-926270	A3 200110 04

OTHER SOURCE(S): MARPAT 133:313392

ED Entered STN: 20 Oct 2000

AB Disclosed are external preparation compns. containing diamide derivs.
 represented by the general formula , R1OR2NHC(:O)R3C(:O)NHR2OR1, wherein R1
 represents optionally hydroxylated and/or alkoxylated linear or branched C1-22
 hydrocarbyl; R2 represents linear or branched divalent C1-12 hydrocarbyl; and
 R3 represents linear or branched divalent C1-42 hydrocarbyl. These diamide

10/731249

derivs. essentially improve the water retention function and barrier function of the horny layer, are excellent in blending properties and blending stability and can be produced efficiently and economically.

IT 301827-63-4P

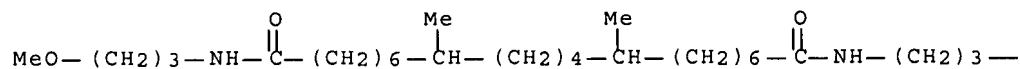
RL: BUU (Biological use, unclassified); IMF (Industrial manufacture); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diamides as moisturizers and cosmetics containing them)

RN 301827-63-4 HCAPLUS

CN Eicosanediamide, N1,N20-bis(3-methoxypropyl)-8,13-dimethyl- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

—OMe

REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

STRUCTURE SEARCH

=> file reg

FILE 'REGISTRY' ENTERED AT 21:47:48 ON 29 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 28 SEP 2007 HIGHEST RN 948877-55-2

DICTIONARY FILE UPDATES: 28 SEP 2007 HIGHEST RN 948877-55-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> d l4 ide

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 301827-63-4 REGISTRY

ED Entered STN: 09 Nov 2000

CN Eicosanediamide, N1,N20-bis(3-methoxypropyl)-8,13-dimethyl-
(CA INDEX NAME)

OTHER CA INDEX NAMES:

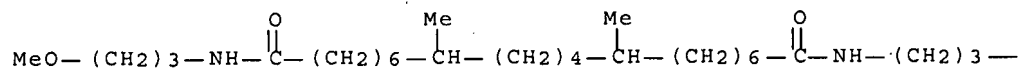
CN Eicosanediamide, N,N'-bis(3-methoxypropyl)-8,13-dimethyl-
(9CI)

MF C30 H60 N2 O4

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

PAGE 1-A



PAGE 1-B

—OMe

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/731249

26 REFERENCES IN FILE CA (1907 TO DATE)

26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d que nos l21

L2 28 SEA FILE=REGISTRY ABB=ON PLU=ON (106-65-0/BI OR
106-79-6/BI OR 111-20-6/BI OR 115915-58-7/BI OR 120603-82
-9/BI OR 1472-87-3/BI OR 1731-79-9/BI OR 264599-30-6/BI
OR 301827-61-2/BI OR 301827-62-3/BI OR 301827-63-4/BI OR
301827-64-5/BI OR 301827-65-6/BI OR 301827-66-7/BI OR
301827-67-8/BI OR 301827-68-9/BI OR 301827-69-0/BI OR
301827-70-3/BI OR 301827-71-4/BI OR 301827-72-5/BI OR
36575-82-3/BI OR 42235-38-1/BI OR 5332-73-0/BI OR
68286-29-3/BI OR 72469-23-9/BI OR 7617-74-5/BI OR
77539-87-8/BI OR 929-06-6/BI)

L3 6 SEA FILE=REGISTRY ABB=ON PLU=ON L2 AND EICOSANEDIAMIDE

L4 1 SEA FILE=REGISTRY ABB=ON PLU=ON L3 AND C30 H60 N2
O4/MF

L5 26 SEA FILE=HCAPLUS ABB=ON PLU=ON L4

L6 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L5 AND (1840-1999)/PRY,P
Y,AY

L8 198 SEA FILE=HCAPLUS ABB=ON PLU=ON SUGAI Y?/AU

L9 463 SEA FILE=HCAPLUS ABB=ON PLU=ON KAMEYAMA A?/AU

L10 10288 SEA FILE=HCAPLUS ABB=ON PLU=ON SAITO H?/AU

L11 1359 SEA FILE=HCAPLUS ABB=ON PLU=ON NISHIZAWA Y?/AU

L12 28562 SEA FILE=HCAPLUS ABB=ON PLU=ON TAKAGI ?/AU

L14 21 SEA FILE=HCAPLUS ABB=ON PLU=ON L8 AND ((L9 OR L10 OR
L11 OR L12))

L15 16 SEA FILE=HCAPLUS ABB=ON PLU=ON L9 AND ((L10 OR L11 OR
L12))

L16 103 SEA FILE=HCAPLUS ABB=ON PLU=ON L10 AND ((L11 OR L12))

L17 7 SEA FILE=HCAPLUS ABB=ON PLU=ON L11 AND L12

L18 28562 SEA FILE=HCAPLUS ABB=ON PLU=ON L12 OR L14 AND L15 AND
L16 AND L17

L19 355 SEA FILE=HCAPLUS ABB=ON PLU=ON L18 AND (COSMETIC OR
SKIN OR DERMATOLOG?)

L20 1 SEA FILE=HCAPLUS ABB=ON PLU=ON L19 AND L5

L21 0 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 NOT L6

10/731249

SEARCH HISTORY

=> file reg

FILE 'REGISTRY' ENTERED AT 21:48:12 ON 29 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 SEP 2007 HIGHEST RN 948877-55-2

DICTIONARY FILE UPDATES: 28 SEP 2007 HIGHEST RN 948877-55-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> d l4 ide

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 301827-63-4 REGISTRY

ED Entered STN: 09 Nov 2000

CN Eicosanediamide, N1,N20-bis(3-methoxypropyl)-8,13-dimethyl-
(CA INDEX NAME)

OTHER CA INDEX NAMES:

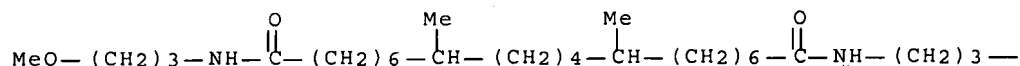
CN Eicosanediamide, N,N'-bis(3-methoxypropyl)-8,13-dimethyl-
(9CI)

MF C30 H60 N2 O4

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

PAGE 1-A



PAGE 1-B

—OMe

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/731249

26 REFERENCES IN FILE CA (1907 TO DATE)
26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his nofile

(FILE 'HOME' ENTERED AT 21:21:49 ON 29 SEP 2007)

FILE 'HCAPLUS' ENTERED AT 21:21:59 ON 29 SEP 2007

E US20040115162/PN

L1 1 SEA ABB=ON PLU=ON US2004115162/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 21:22:14 ON 29 SEP 2007

L2 28 SEA ABB=ON PLU=ON (106-65-0/BI OR 106-79-6/BI OR
111-20-6/BI OR 115915-58-7/BI OR 120603-82-9/BI OR
1472-87-3/BI OR 1731-79-9/BI OR 264599-30-6/BI OR
301827-61-2/BI OR 301827-62-3/BI OR 301827-63-4/BI OR
301827-64-5/BI OR 301827-65-6/BI OR 301827-66-7/BI OR
301827-67-8/BI OR 301827-68-9/BI OR 301827-69-0/BI OR
301827-70-3/BI OR 301827-71-4/BI OR 301827-72-5/BI OR
36575-82-3/BI OR 42235-38-1/BI OR 5332-73-0/BI OR
68286-29-3/BI OR 72469-23-9/BI OR 7617-74-5/BI OR
77539-87-8/BI OR 929-06-6/BI)

L3 6 SEA ABB=ON PLU=ON L2 AND EICOSANEDIAMIDE

L4 1 SEA ABB=ON PLU=ON L3 AND C30 H60 N2 O4/MF

FILE 'HCAPLUS' ENTERED AT 21:26:24 ON 29 SEP 2007

L5 26 SEA ABB=ON PLU=ON L4
L6 1 SEA ABB=ON PLU=ON L5 AND (1840-1999)/PRY,PY,AY
L7 1997 SEA ABB=ON PLU=ON HOSHINO M?/AU
L8 198 SEA ABB=ON PLU=ON SUGAI Y?/AU
L9 463 SEA ABB=ON PLU=ON KAMEYAMA A?/AU
L10 10288 SEA ABB=ON PLU=ON SAITO H?/AU
L11 1359 SEA ABB=ON PLU=ON NISHIZAWA Y?/AU
L12 28562 SEA ABB=ON PLU=ON TAKAGI ?/AU
L13 11 SEA ABB=ON PLU=ON L7 AND ((L8 OR L9 OR L10 OR L11 OR
L12))
L14 21 SEA ABB=ON PLU=ON L8 AND ((L9 OR L10 OR L11 OR L12))
L15 16 SEA ABB=ON PLU=ON L9 AND ((L10 OR L11 OR L12))
L16 103 SEA ABB=ON PLU=ON L10 AND ((L11 OR L12))
L17 7 SEA ABB=ON PLU=ON L11 AND L12
L18 28562 SEA ABB=ON PLU=ON L12 OR L14 AND L15 AND L16 AND L17
L19 355 SEA ABB=ON PLU=ON L18 AND (COSMETIC OR SKIN OR
DERMATOLOG?)
L20 1 SEA ABB=ON PLU=ON L19 AND L5
L21 0 SEA ABB=ON PLU=ON L20 NOT L6

FILE 'EMBASE' ENTERED AT 21:43:43 ON 29 SEP 2007

L22 0 SEA ABB=ON PLU=ON L4

FILE 'MEDLINE' ENTERED AT 21:43:50 ON 29 SEP 2007

L23 0 SEA ABB=ON PLU=ON L4

FILE 'KOSMET' ENTERED AT 21:44:41 ON 29 SEP 2007

L24 0 SEA ABB=ON PLU=ON L3 AND C30 H60 N2 O4/MF

FILE 'HCAPLUS' ENTERED AT 21:46:19 ON 29 SEP 2007

D QUE STAT L20

D IBIB ED ABS HITSTR L20 1

10/731249

FILE 'REGISTRY' ENTERED AT 21:47:48 ON 29 SEP 2007

D L4 IDE

D QUE NOS L21

FILE 'REGISTRY' ENTERED AT 21:48:12 ON 29 SEP 2007

D L4 IDE

D HIS NOFILE

=>